

## **APPENDIX A**

### **NATURAL RESOURCE MANAGEMENT DRIVERS**

A driver is a need that must be satisfied for the Camp Pendleton's mission to continue without disruption (HQMC 2000). Identification of the primary drivers provided the basis for the establishment of natural resource management, INRMP, and program goals and objectives. Camp Pendleton's natural resource management drivers are unique to the Base in that they are defined by Camp Pendleton's mission, land uses to support that mission, the natural resources within and, to some extent, surrounding the installation, and surrounding land uses. Natural resource legislation and regulations also determine many of the drivers on the Base. This appendix provides a summary of Camp Pendleton specific drivers, followed by a general list of legislative and regulatory drivers (including DoD and Navy Instructions, Marine Corps Orders, and Base Orders).

#### **A.1 CAMP PENDLETON DRIVERS**

The following drivers were developed during the development and review of this document.

- Maintain open space to conduct training operations.
- Provide quality natural resources as a critical training asset upon which to accomplish the military mission.
- Manage fire to protect property (both on and off Base), ensure human safety, and minimize training land degradation and habitat type conversions.
- Minimize conflicts between wildlife/natural resources and cantonment related activities.
- Manage land and natural resources to sustain quality educational and recreational opportunities that support the morale and welfare of active military personnel, retired personnel, and military dependents, as well as for the general public.
- Anticipate and mitigate for the effects of infrastructure improvements and development on natural resources.
- Maintain compliance with natural resources laws and implement regulations, agency guidance, relevant orders, and binding regulatory opinions.
- Endeavor to prevent natural resource isolation and discourage unbalanced dependence of the region on the Base's inventory of natural resources. As an installation supporting natural resources of regional significance, the sustainability

and relative importance of the Base's natural resources are subject to external/regional conditions and cannot be managed in isolation.

- Maintain system for communicating and integrating basewide geospatial data and geographic imaging information to facilitate mission planning and natural resource management compatibility.
- Maintain water supply independence by protecting the quality and quantity of the Base's local water resources.

## **A.2 LEGISLATIVE AND REGULATORY DRIVERS**

In 1918, the first legislation specifically directed at conserving natural resources, the Migratory Bird Treaty Act, was enacted. Since the late 1960s, legislation governing management of natural resources has proliferated – significantly increasing the role and responsibilities of DoD in the process.

Many of these laws require federal projects to be evaluated for their potential impact on the environment. Others are aimed at stopping or limiting pollution of the air, land, and water. Still others protect birds, fish, wildlife, and plants, extending special protection to sensitive species and those deemed threatened or endangered. Finally, some of these laws require special studies and planning before development can occur in areas considered particularly susceptible to damage, such as coastal reefs.

### **A.2.1 Natural Resource Related Legislation and Regulations**

Bald Eagle Protection Act of 1940 [Public Law 86-70; Title 16 U. S. Code 668 *et seq.*]  
California Fish and Game Code  
California Water Code  
Clean Air Act of 1970, as amended [Title 42 U. S. Code 7401-7671]  
Clean Water Act of 1977, as amended [Public Law 95-217; Title 33 U. S. Code 1251-1376]  
Coastal Barrier Resources Act (1988), reauthorized as Coastal Barrier Improvement Act of 1990 [Title 16 U. S. Code 3501 *et seq.*]  
Coastal Wetlands Planning, Protection, and Restoration Act of 1998 [Title 16 U. S. Code 3501 *et seq.*]  
Coastal Zone Management Act (CZMA) of 1972, and CZMA Reauthorization Amendments of 1990 [Title 16 U. S. Code 1451-1464]  
Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Amendments to Superfund in 1983 and 1986 – also known as SARA [Title 42 U. S. Code 9601-9657]  
Conservation and Rehabilitation Program on Military and Public Lands [Public Law 93-452]  
Conservation Programs on Military Reservations Act (Sikes Act) of 1960 and Sikes Act Improvement Act of 1997 [Public Laws 96-561 and 105-85; Title 16 U. S. Code 670a-670o]  
Conservation Service Reform Act of 1986 [Title 42 U. S. Code 8201]

Council on Environmental Quality Regulations  
Emergency Wetlands Resources Act of 1986 [Title 16 U. S. Code 3901]  
Endangered Species Act of 1973 and amendments [Public Law 93-205 and 95-632; Title 16 U. S. Code 1531-1544]  
Estuary Protection Act (1968) [Title 16 U. S. Code 1221]  
Executive Order 11288 of 1966 (Prevention, Control, and Abatement of Water Pollution by Federal Activities)  
Executive Order 11514 of 1970 (Protection and Enhancement of Environmental Quality)  
Executive Order 11644 of 1972 (Use of Off-Road Vehicles on the Public Lands)  
Executive Order 11990 of 1977 (Protection of Wetlands)  
Executive Order 11987 of 1977 (Exotic Organisms)  
Executive Order 11988 of 1977 (Floodplain Management)  
Executive Order 12088 of 1978 (Federal Compliance with Pollution Control Standards), amended by EO 12580  
Executive Order 12580 of 1987 (Superfund Implementation), amended by EO 12777  
Executive Order 12777 of 1991 (Implementation of Section 311 of the Federal Water Pollution Control Act of October 18, 1972, as Amended, and The Oil Pollution Control Act of 1990)  
Executive Order 12780 of 1991 (Federal Agency Recycling and the Council on Federal Recycling and Procurement Policy)  
Executive Order 12962 of 1995 (Recreational Fisheries)  
Executive Order 13045 of 1997 (Protection of Children from Environmental Health Risks and Safety Risks)  
Executive Order 13112 of 1999 (Invasive Species)  
Executive Order 13101 of 1998 (Greening the Government Through Waste Prevention, Recycling, and Federal Acquisition)  
Executive Order 12123 of 1999 (Greening the Government through Efficient Energy Management)  
Executive Order 13148 of 2000 (Greening the Government Through Leadership in Environmental Management)  
Executive Order 13186 of 2001 (Responsibilities of Federal Agencies to Protect Migratory Birds)  
Farmland Protection Policy Act [Public Law 97-98; Title 7 U.S. Code 4201 *et seq.*]  
Federal Environmental Pesticide Control Act of 1972 [Title 7 U. S. Code 136-136y]  
Federal Facilities Compliance Act of 1992 [Public Law 102-386; Title 42 U. S. Code 6901 *et seq.*]  
Federal Flood Disaster Prevention Act  
Federal Insecticide, Fungicide, and Rodenticide Act of 1972, as Amended [Public Law 92-516; Title 7 U. S. Code 136-136y]  
Federal Land Policy and Management Act of 1976 [Title 43 U. S. Code 1701 *et seq.*]  
Federal Noxious Weed Act of 1974 [Public Law 93-629; Title 7 U. S. Code 2801 *et seq.*]  
Federal Water Pollution Control Act Amendments of 1972 [Public Law 92-522; Title 33 U.S. Code 1251 *et seq.*]  
Fish and Wildlife Conservation Act of 1980 [Public Law 89-699; Title 16 U.S. Code 2901 *et seq.*]  
Insect Control Act of 1954 [Title 7 U. S. Code 148]

Magnuson(-Stevens) Fishery Conservation and Management Act of 1976 [Public Law 94-265; Title 16 U. S. Code 1801 *et seq.*]  
Marine Mammal Protection Act of 1972 [Title 16 U. S. Code 1361-1407]  
Marine Protection, Research, and Sanctuaries Act of 1972 [Title 33 U. S. Code 1401-1445 and Title 16 U.S. Code 1431 *et seq.*]  
Migratory Bird Conservation Act of 1966 [Title 16 U. S. Code 715]  
Migratory Bird Treaty Act of 1918 [Title 16 U. S. Code 703-712]  
Military Reservation and Facilities: Hunting, Fishing, and Trapping Act of 1958 [Public Law 85-337; Title 10 U.S. Code 2671]  
National Aquatic Nuisance Prevention and Control Act of 1990 [Title 16 U. S. Code 4701]  
National Environmental Policy Act (NEPA) of 1969 [Public Law 91-190; Title 42 U. S. Code 4331 *et seq.*]  
National Trails Systems Act of 1968 [Title 16 U. S. Code 1241]  
National Water Commission Act of 1962 [Title 42 U. S. Code 1962]  
Navigable Waters Protection Act [Title 33 U. S. Code 407]  
Nonindigenous Aquatic Nuisance Prevention and Control Act of 1990 [Title 16 U. S. Code 3951 *et seq.*]  
North American Wetlands Conservation Act of 1989 [Title 16 U. S. Code 4401-4412]  
Noxious Plant Control Act of 1968 [Public Law 90-583; Title 43 U. S. Code 1241 *et seq.*]  
Off-Road Vehicles on Public Lands [Executive Order 11989]  
Oil Pollution Act of 1990 [Public Law 101-380; Title 33 U. S. Code 2701 *et seq.*]  
Outdoor Recreation-Federal/State Program Act [Title 16 U.S. Code 460L *et seq.*]  
Pollution Prevention Act of 1990 [Title 42 U. S. Code 13101-13109]  
Porter-Cologne Water Quality Control Act [California Water Code B13000 *et seq.*]  
Protection and Enhancement of Environmental Quality [Amends Executive Order 11514, Executive Order 11991]  
Public Trust Doctrine  
Resource Conservation and Recovery Act (RECRA) of 1976 [Title 42 U. S. Code 6901-6992]  
Rivers and Harbors Act of 1899 [Title 33 U. S. Code 401]  
Safe Drinking Water Act of 1974, as Amended [Title 42 U. S. Code 300f *et seq.*]  
Salmon and Steelhead Conservation and Enhancement Act of 1980 [Title 16 U. S. Code 3301]  
Soil Conservation Act of 1938 [Title 16 U.S. Code 5901 *et seq.*]  
Toxic Substances Control Act of 1976 [Title 42 U. S. Code 2601--2629]  
Water Resources and Planning Act of 1965 [Title 42 U. S. Code 1962]  
Watershed Protection and Flood Prevention Act of 1954 [Title 16 U. S. Code 1001 *et seq.*]  
Wild and Scenic River Act of 1968 [Title 16 U. S. Code 1271]

## **A.2.2 Directives and Instructions**

DoD Instruction 4715.3 of 3 May 1996 (Environmental Conservation Program)  
DoD Instruction 4715.4 of 18 June 1996 (Pollution Prevention)  
DoD Instruction 4715.6 of 24 April 1996 (Environmental Compliance)  
DoD Instruction 4715.7 of 22 April 1996 (Environmental Restoration Program)  
NAVFAC P-73. Real Estate Manual.

NAVFACINST MO-100.4. (Guidance on Special Interest Areas)  
OPNAVINST 5090.1A. (Environment and Natural Resources Procedural Manual)  
OPNAVINST 5090.1B Ch. 2. (Natural Resources Management on Navy lands)  
OPNAVINST 6250.4B. (Pest Management Programs)

### **A.2.3 Marine Corps Orders (MCO)**

MCO 1510.25C W/CH 1 (Troop Information Program)  
MCO 11011.22A (Encroachment Control)  
MCO P5090.2A (Marine Corps Environmental Compliance and Protection Manual)  
MCO P5580.2 (Policies and procedures for reporting noncompliance)  
MCO P11000 Series (Real Property Facilities Manuals)  
MCO P11000.5 (Requesting funds to support activities involved in environmental compliance requirements)  
MCO P11000.11B (Marine Corps Fire Protection and Emergencies Services Program)  
MCO P11000.12 (Requesting funds for construction activities involved with environmental compliance)

### **A.2.4 Base Orders (BO)**

BO P3500.1K (Range and Training Regulations)  
BO P5000.2J (Base Regulations)  
BO 5040.1K (CG's Inspection Program)  
BO 5090.1 (Vehicle Inspection and Maintenance Program)  
BO 5090.2 (National Environmental Policy Act [NEPA] Compliance)  
BO 5090.3 (Commanding General's Environmental Inspection Program [CGEIP])  
BO 5090.4 (CG's Environmental Training/Education Program)  
BO 6280.1E (Hazardous and Extremely Hazardous Substance Release Reporting and Cleanup)  
BO 6280.4 (Hazardous Substance Management Plan)  
BO 6280.5A (Solid Waste [Non-Hazardous] Recyclable Materials Program Standing Operating Procedures)  
BO 6280.6 (Procedures for the application and granting of permits to burn aboard Camp Pendleton)  
BO P11320.13D (Fire Protection Regulations and Instructions)

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